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JUN 16 1993

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

In the Matter of

Amendment of Section 73.202(b)
Table of Allotments
FM Broadcast Stations
(Newport, Oregon)

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93-113

RM-8212

To: Chief, Policy and Rules Division
Mass Media Bureau

COMMENTS

1. Pursuant to the Commission's *Notice of Proposed Rule Making*, DA 93-420, released April 28, 1993, Charlotte McNaughton, permittee of FM Radio Station KCLM(FM), Channel 224C3, Newport, Oregon, files these Comments in support of amendment of the Table of Allotments for FM Broadcast Stations, Section 73.202(b) of the Commission's Rules, by deletion of FM Channel 224C3 and addition of FM Channel 224C2 at Newport. Should the channel be upgraded as proposed, Ms. McNaughton will apply for authorization to modify the authorized facilities of KCLM to conform with the reclassification of the frequency.

2. Because the proposed operation is not possible from McNaughton's original transmitter site, by filing of December 11, 1992, has requested modification of her construction permit (BPH-910118MB) to permit specification

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of the antenna site referenced in her Petition for Rule-making. The requested modification of transmitter site is currently pending (BMPH-921211IJ). Upon upgrade of the channel and receipt of appropriate authorization, Ms. McNaughton will construct promptly.

2. The attached engineering statement of Michael D. Brown demonstrates that operation on Channel 224C2 as proposed in the Notice cannot occur without deletion of Channel 224C3. The engineering statement also demonstrates that the proposed Channel 224C2 operation fully complies with the Commission's minimum channel spacing and principal city coverage requirements. The proposed amendment of the Table of Allotments would be in the public interest in that it would enable KCLM(FM) to expand its present coverage by approximately 76%. Accordingly, Charlotte McNaughton urges that Channel 224C3, Newport, Oregon, be deleted as proposed in the *Notice* and Channel 224C2, Newport, Oregon, be allocated in its place.

Respectfully submitted,

Margot Polivy
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Washington, D.C. 20036
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¹⁶
~~21~~ June 1993

Counsel for Charlotte McNaughton

ENGINEERING EXHIBIT
FOR
PETITION FOR RULEMAKING

NEWPORT, OREGON

CHANNEL 224

CHARLOTTE MCNAUGHTON, APPLICANT

JANUARY 13, 1993

ENGINEERING STATEMENT

GENERAL INFORMATION

The attached engineering exhibits have been prepared on behalf of petitioner Charlotte McNaughton, holder of current FM construction permit BPH-910118MB, with pending modification BMPH921211IJ. The Petition for Rulemaking described herein requests a modification of the Table of Assignments (47 CFR, Section 73.202(b)), to add channel 224C2, and delete channel 224C3 for Newport, Oregon.

The petitioner's proposed CP modification BMPH921211IJ, now pending, specifies the same location as that referenced by this Petition for Rulemaking, but at a C3 power level (3.8kw ERP).

As shown by the attached FM Spacing Study (Exhibit E-2), the proposed channel 224C2 meets all the minimum separations required by Section 73.207, at this location. This location is well developed, with 3 other full-power FM's co-located. Good line-of-sight coverage to the city of license is available from this position. The entire city of license is very easily contained within the predicted 70 dbu contour. This hilltop is the logical and best location for a station seeking to serve the Lincoln County (& Newport city) operational area.

The area contained within the 60dbu contour of a C2 facility at this location is approximately 1.76 times that of the area covered by a C3 facility.

If this petition is granted, the petitioner will immediately submit a 301 application for a construction permit for operation on channel 224C2 at this location.

>>BROWN BROADCAST TECHNICAL CONSULTANTS<<

Michael D. Brown 3740 SW COMUS ST. PORTLAND, OREGON 97219

INDEX OF EXHIBITS

- E-1 General Information Outline
- E-2 Spacing Study
- E-3 Coverage Contours, HAAT

EXHIBIT E-1

PROPOSED RULEMAKING -- GENERAL INFORMATION

CURRENT ALLOCATION, PART 73.202(B)
TABLE OF ASSIGNMENTS:

224C3, 94.7mhz, Newport, Oregon

PROPOSED CHANGE:

224C2, 94.7mhz, Newport, Oregon

PROPOSED TRANSMITTER LOCATION:

1.4 kilometers from Otter Rock,
Lincoln County, Oregon, on a
bearing of 43° true; near Cape
Foulweather
44°, 45', 22" North Latitude
124°, 02', 54" West Longitude

ANTENNA HEIGHT ABOVE AVERAGE TERRAIN:

256 meters (840 feet)

EFFECTIVE RADIATED POWER:

17.0kw H & V (with rounding as per
73.212(a))

FURTHEST DISTANCE TO CITY LIMITS OF

EXHIBIT E-2

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PORTLAND, OR

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FM Spacing study

Title: KCLM C2
Channel 224C2 (92.7 Mhz)
Database: DW 01/08/93

Latitude: 44-45-22
Longitude: 124-02-54
Safety zone: 65 km

Call	Auth	Licensee name	Chan	ERP-kw	Latitude	Br-to	Dist.	Req.
City of License	St	FCC File no.	Freq	EAH-m	Longitude	-from	(km)	(km)
=====								
KSYD	LIC	SCHOOL DISTRICT 4J	221A	2.78	43-43-21	181.8	114.9	55

FM Spacing study

Title: KCLM C2
Channel 224C2 (92.7 MHz)

Latitude: 44-45-22
Longitude: 124-02-54

Call	Auth	Licensee name	Chan	ERP-kW	Latitude	Br-to	Dist.	Req.
City of License	St	FCC File no.	Freq	EAH-m	Longitude	-from	(km)	(km)
ALLOC			226C		44-03-00	133.5	113.5	105
SPRINGFIELD	OR		93.1		123-01-06	314.2	8.531	CLOSE
Allocated to SPRINGFIELD-EUGENE OR								
KKCW	LIC	TRUMPER COMMUN OF PORTLA	277C	100	45-31-22	49.5	132.8	35
BEAVERTON	OR		103.3	504BT	122-45-12	230.5	97.80	CLEAR

EXHIBIT E-3

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PORTLAND, OR

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Service contours based on FCC F(50,50) curves

Title: KCLM C2
Channel: 224

Bearing (degrees)	HAAT (meters) (feet)	ERP (kilowatts) (dBk)	70 dBu (3.16 mV/m) contour	60 dBu (1 mV/m) contour
.0	298.5 979.3	17.17 12.35	35.3 km 21.9 mi	55.0 km 34.2 mi
45.0	230.4 755.9	17.17 12.35	31.2 km 19.4 mi	50.1 km 31.2 mi
90.0	231.7 760.2	17.17 12.35	31.3 km 19.5 mi	50.2 km 31.2 mi
135.0	231.2 758.5	17.17 12.35	31.3 km 19.4 mi	50.2 km 31.2 mi
180.0	288.4 946.2	17.17 12.35	34.8 km 21.6 mi	54.3 km 33.7 mi
* 181.0	293.8 963.9	17.17 12.35	35.1 km 21.8 mi	54.7 km 34.0 mi
** 225.0	333.1 1092.8	17.17 12.35	37.2 km 23.1 mi	57.3 km 35.6 mi
** 270.0	333.1 1092.8	17.17 12.35	37.2 km 23.1 mi	57.3 km 35.6 mi
** 315.0	333.1 1092.8	17.17 12.35	37.2 km 23.1 mi	57.3 km 35.6 mi

HAAT:	256.0 840.0			

Notes:

- * radial not included in HAAT calculation; through city of license
- ** radials not included in HAAT calculation; over Pacific Ocean

CERTIFICATION; STATEMENT OF QUALIFICATIONS

I, Michael D. Brown am a Radio Engineer of over 18 years professional experience. I am FCC licensed and SBE certified, and owner of Brown Broadcast Technical Consultants, a Radio Engineering consulting firm. My education and experience are a matter of record with the Federal Communications Commission.

I have been retained by the applicant, Charlotte McNaughton, to

SWORN STATEMENT OF CHARLOTTE MCNAUGHTON

The attached Comments and engineering statement of Michael D. Brown were prepared under my direction and control and is true and correct to the best of my knowledge and belief. I make this statement under penalty of perjury.


Charlotte McNaughton

June 10, 1993